

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,
and listings of claims in the application:

LISTING OF CLAIMS:

1-14. (cancelled)

15. (currently amended) A method of acquiring a cell having other functions, said method comprising:

inducing transdifferentiation of a preadipocyte cell line,

said preadipocyte cell line being obtained by dedifferentiating a mature adipocyte derived from a fat tissue and expresses early markers of osteogenesis, myogenesis or adipogenesis, and

said mature adipocyte being obtained by:

(i) obtaining a fraction of unilocular adipocytes by filtration from fat tissues, subjecting the fraction to centrifugation, and recovering unilocular adipocytes which are separated in the upper layer,

(ii) obtaining fibroblast like adipocytes having no lipid droplets by ceiling culture continuing culturing of cells in a form of a fibroblast having no lipid droplets in a manner in which a cell adhesion surface is a bottom surface after a stage where a large number of the cells produced by ceiling culture are

observed, to thereby obtain fibroblast-like adipocytes having no lipid droplets in cytoplasms, and

(iii) continuing culturing of the fibroblast-like adipocytes by passage culture to induce dedifferentiation and obtaining preadipocytes having no lipid droplets and already expressing an early marker of osteoblast, myoblast or adipocyte.

16. (previously presented) The method of acquiring a cell having other functions according to claim 15, wherein said preadipocyte cell line is FERM BP-08645.

17. (previously presented) The method of acquiring a cell having other functions according to claim 15, wherein the matured adipocyte derived from a fat tissue is a matured adipocyte derived from a subcutaneous fat tissue.

18. (previously presented) The method according to claim 15, wherein the transdifferentiated cell having other functions is an osteoblast.

19. (previously presented) The method according to claim 15, wherein the transdifferentiated cell having other functions is a myoblast.

20. (withdrawn) A method according to claim 15, wherein the transdifferentiated cell having other functions is a chondrocyte.

21. (withdrawn) A method according to claim 15, wherein the transdifferentiated cell having other functions is an epithelial cell.

22. (withdrawn) A method according to claim 15, wherein the transdifferentiated cell having other functions is a neurocyte.

23. (original) A cell that is differentiated by a culture method according to claim 15.

24. (previously presented) The cell according to claim 23, wherein the cell is an osteoblast.

25. (previously presented) The cell according to claim 23, wherein the cell is a myoblast.

26. (withdrawn) A cell according to claim 23, wherein the cell is a chondrocyte.

27. (withdrawn) A cell according to claim 23, wherein the cell is an epithelial cell.

28. (withdrawn) A cell according to claim 23, wherein the cell is a neurocyte.

29. (previously presented) The method according to claim 16, wherein the transdifferentiated cell having other functions is an osteoblast.

30. (previously presented) The method according to claim 17, wherein the transdifferentiated cell having other functions is an osteoblast.

31. (previously presented) The method according to claim 16, wherein the transdifferentiated cell having other functions is a myoblast.

32. (previously presented) The method according to claim 17, wherein the transdifferentiated cell having other functions is a myoblast.

33. (withdrawn) A method according to claim 16, wherein the transdifferentiated cell having other functions is a chondrocyte.

34. (withdrawn) A method according to claim 17, wherein the transdifferentiated cell having other functions is a chondrocyte.